Rs. 12,500 is being provided to the user for the installations of gear type and improved 12 PU 500 type wind pumps, respectively.

Under the Biomass gasifier programme, a subsidy of Rs. 12,500 for 5 HP and Rs. 17,000 for 10 HP gasifier powered water pumping system is being provided.

A scheme for rural electrification using biomass gasifier technology has also been launched. Under the scheme subsidy for 75 per cent of the cost of the gasifier system is available.

अनटेप्ड पोटेन्शियल

3221. **श्री राम जेठमलानी** :—क्या **प्रधान मंत्री** यह बताने की कृपा करेंगे कि :

(क) क्या सरकार का ध्यान 21 अक्तूबर, 1993 को इकानामिक टाइम्स में प्रकाशित "अनटेप्ड पोटेन्शियल" नामक शीर्षक के अन्तर्गत छपे समाचार की ओर दिलाया गया है ;

(ख) यदि हां तो क्या यह सच है कि देश में ऐसे कई उद्योग चलाए जा रहे हैं जहां विद्यमान तकनीकी में कुल परिवर्तन करके विद्युत का बड़े पैमाने पर उत्पादन किया जा सकता है ;

(ग) यदि हां, तो क्या इन संभावनाओं की प्रामाणिकता की जांच की गई है ;

(घ) यदि नहीं, तो उसके क्या कारण हैं; और

(ङ) यदि यह संभावनाएं तथ्यों पर आधारित हैं तो क्या सरकार ऐसे उद्योगों को इस दिशा में प्रगति करने के लिए प्रेरक सुविधाएं उपलब्ध कराएगी ?

गैर-पारंपरिक ऊर्जा स्त्रोत मंत्रालय में राज्य मंत्री और कृषि मंत्रालय में राज्य मंत्री (श्री एस. कृष्ण कुमार): (क) जी हां ।

(ख) जी हां ।

(ग) जी हां ।

(घ) प्रश्न नहीं उठता ।

(ङ) अपारंपरिक ऊर्जा स्त्रोत मंत्रालय ने बायोमास आधारित सह-उत्पादन के लिए एक राष्ट्रीय कार्यक्रम को तैयार करने के कार्य में सहायता देने के लिए एक कार्यबल का गठन किया था । चीनी मिलों में खोई आधारित सह-उत्पादन के संबंध में इस कार्यबल की सिफारिशों पर हाल ही में हुई एक राष्ट्रीय कार्यशाला में विचार-विमर्श किया गया । राजकोषीय और संवर्द्धनात्मक प्रोत्साहनों को शामिल करते हुए एक राष्ट्रीय कार्यक्रम को इन सिफारिशों की विस्तृत जांच पडताल करने के बाद शुरू किए जाने की संभावना है । विद्युत मंत्रालय ने भी उर्वरक, सीमेंट, पेट्रोरसायन आदि जैसे उद्योगों में अतिरिक्त संभाव्यता का आकलन करने और उसका विदोहन करने के लिए प्रभावी उपाय सुझाने हेतु एक कार्यबल का गठन किया है ।

FOREIGN PROPOSALS REGARDING USE OF OCEANIC ENERGY

3222. SHRI TRILOKI NATH CHATURVEDI :

DR. MURLI MANOHAR JOSHI :

Will the PRIME MINISTER be pleased to state :

(a) the details of Indian and Foreign proposals received by Government during the last three years regarding use of oceanic energy;

(b) the number of proposals approved together with the amount of investment;

(c) the number of projects actually installed and operating during the same period; and

(d) the quantity of energy generated or likely to be generated by the project ?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND MINISTER OF STATE IN THE DE-

PARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT (SHRI EDUARDO FALEIRO) : (a) to (d) The details of Indian and foreign proposals received on various types of Ocean energy and their status are given below :

INDIAN PROPOSALS :

A pilot plant for the generation of electricity from sea waves is established at Vizhinjam, Kerala in 1991 by the Department of Ocean Development. The technology for generation of electricity is demonstrated and further efforts for stabilising the output from the plant is in progress. Techno-economic feasibility studies for construction of breakwater integrated wave energy plants at Thangassery (Kerala) and Mus Point (Nicobar Island) are in progress.

FOREIGN PROPOSALS :

Ocean Thermal Energy Conversion :

A proposal from M|s. Sea Solar Power Corporation, USA, for the establishment of 100 Mw OTEC plant at Kulasekarapatnam has been received by the Tamilnadu Government. This has been submitted under the category of build, own and operate. The details of the project report are yet to be finalised in consultation with the Ministry of Non-Conventional Energy Sources.

Wave Energy :

A proposal for 1 Mw floating wave power vessel plant in Andaman and Nicobar Islands proposed by M|s. Sea Power AB, Sweden, also under the category of build, own and operate has been received in the Ministry of Non-Conventional Energy Sources. The detailed project is yet to be submitted by the Swedish company.

NEW SCHEMES OF OCEAN DEVELOPMENT

3223. SHRI TINDIVANAM G. VENKATRAMAN :
SHRI J. S. RAJU :
SHRI MISA R. GANESAN :

Will the PRIME MINISTER be pleased to state :

(a) what are details of the schemes undertaken by Government for the development of ocean by the Department of Ocean Development;

(b) what is the role played by State Governments in this task;

(c) whether there is any proposal under Government's consideration to initiate any scheme of ocean development in Tamil Nadu; and

(d) if so, what are the places selected for the purpose ?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND MINISTER OF STATE IN THE DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT (SHRI EDUARDO FALEIRO) : (a) The details of some of the programmes of the Department are as follows :

(i) Antarctic research ;

(ii) Exploration and assessment of living and non-living resources ;

(iii) Survey and exploration of polymetallic nodules in the Central India Ocean ;

(iv) Coastal Zone and Islands (Marine Satellite information Service—MARSIS) ;

(v) Monitoring of marine pollution ;

(vi) Marine instrumentation ;

(b) The programmes, viz. MARSIS through which information on potential